



## Assignement #2

### Question 1:

Contrast the following terms :

- a. Supertype ; subtype
- b. Disjoint rule; overlap rule

### Question 2:

A bank has three types of accounts: checking, saving , and loan. Following are the attributes for each type of account:

**CHECKING** : Acct No, Date Opened, Balance, Service Charge.

**SAVING** : Acct No, Date Opened, Balance, Interest Rate.

**LOAN**: Acct No, , Date Opened, Balance, Interest Rate, Payment.

Assume that each bank account must be a member of exactly one of these subtypes.  
Develop an EER model to represent this situation.

